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Range: from  to  ☐ Reverse complemented strand Features: ☐ SNP ☐ CDD ☒

☐ 1: [X56895](#). Reports *E.faecium* plasmid...[gi:43335]

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LOCUS EFPVANAG 1768 bp DNA linear BCT 17-JUN-1991

DEFINITION *E.faecium* plasmid pIP816 vanA gene for VANA ligase.

ACCESSION X56895

VERSION X56895.1 GI:43335

KEYWORDS D-alanyl-D-alanine ligase; VANA glycopeptide resistance protein; vancomycin resistance.

SOURCE *Enterococcus faecium*

ORGANISM [Enterococcus faecium](#)

Bacteria; Firmicutes; Lactobacillales; Enterococcaceae; Enterococcus.

REFERENCE 1 (bases 1 to 1768)

AUTHORS Dutka-Malen, S., Molinas, C., Arthur, M. and Courvalin, P.

TITLE The VANA glycopeptide resistance protein is related to D-alanyl-D-alanine ligase cell wall biosynthesis enzymes

JOURNAL Mol. Gen. Genet. 224 (3), 364-372 (1990)

PUBMED [2266943](#)

REFERENCE 2 (bases 1 to 1768)

AUTHORS Dutka-Malen, S.

TITLE Direct Submission

JOURNAL Submitted (25-FEB-1991) S. Dutka-Malen, Institut Pasteur, Unile des Agents Antibacteriens, 28 rue du Dr Roux, Paris Cedex 15, France

FEATURES Location/Qualifiers

source

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gene

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## ORIGIN

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